

**Figure 1**

Figure 2

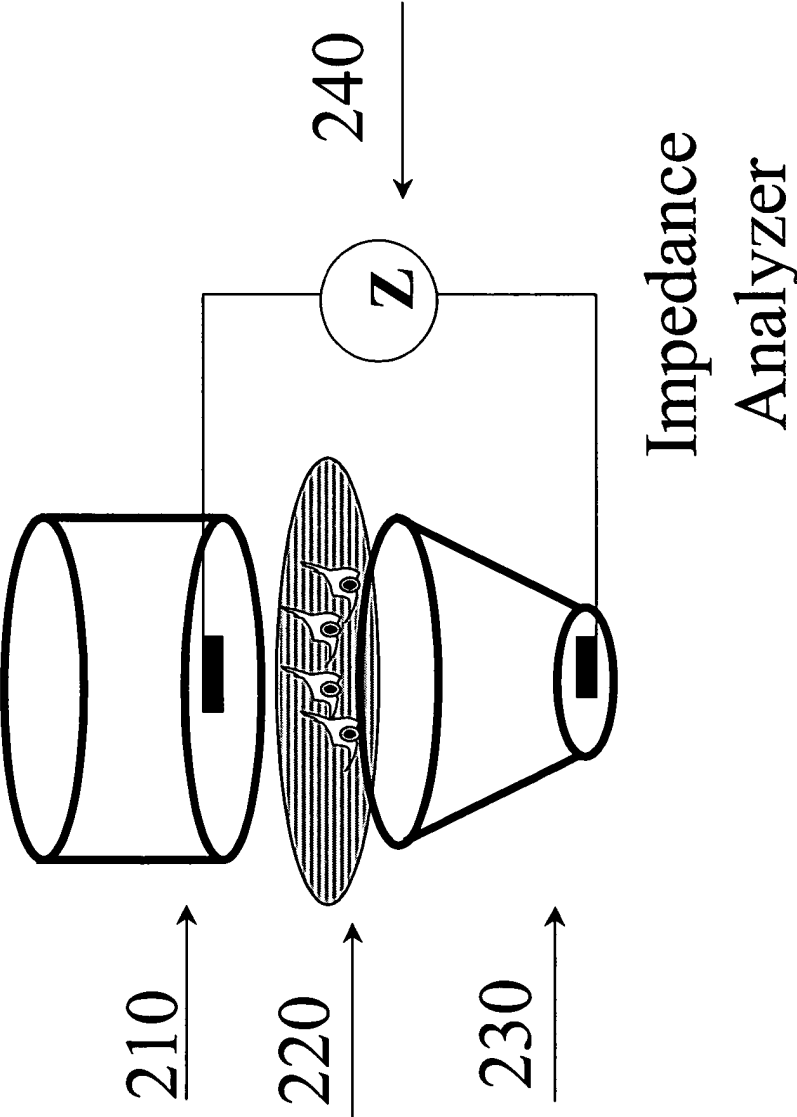
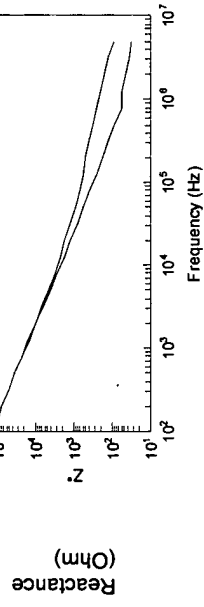
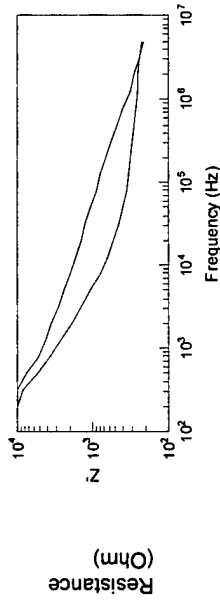
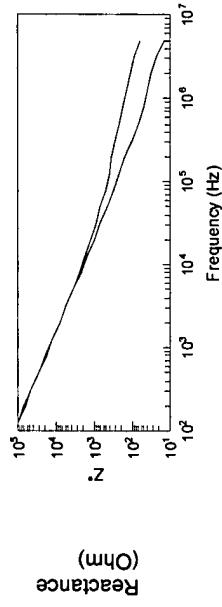
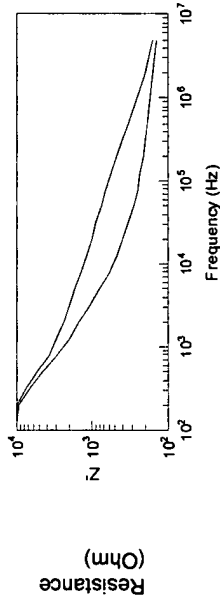


Figure 3A (1)

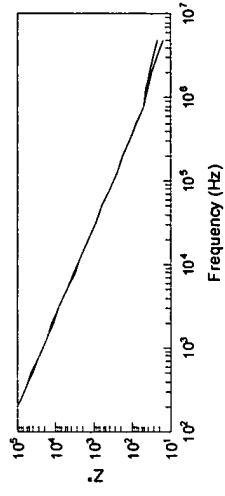
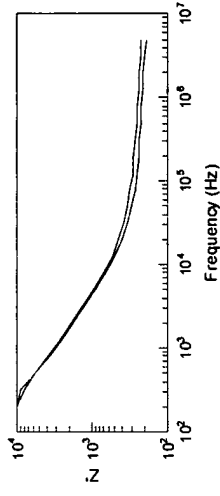
2AA



2AB



2AA (No cells attached)



2AB (No cells attached)

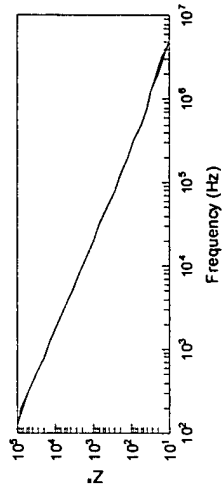
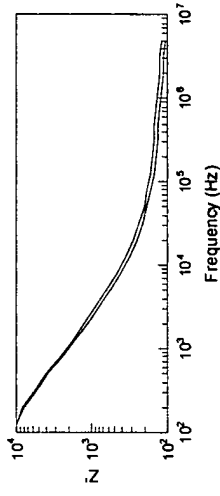
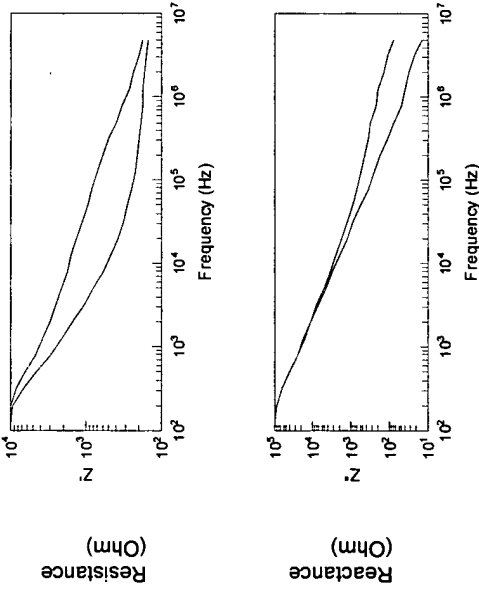
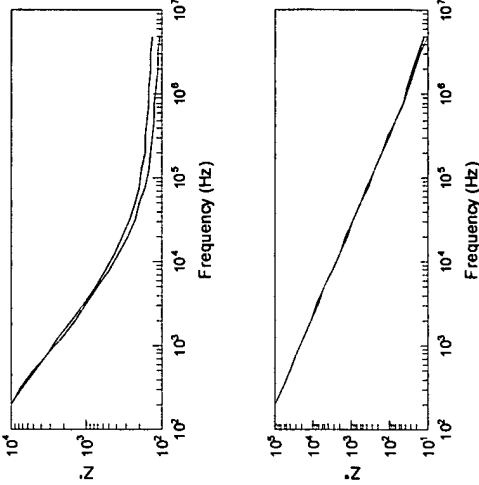


Figure 3A (2)

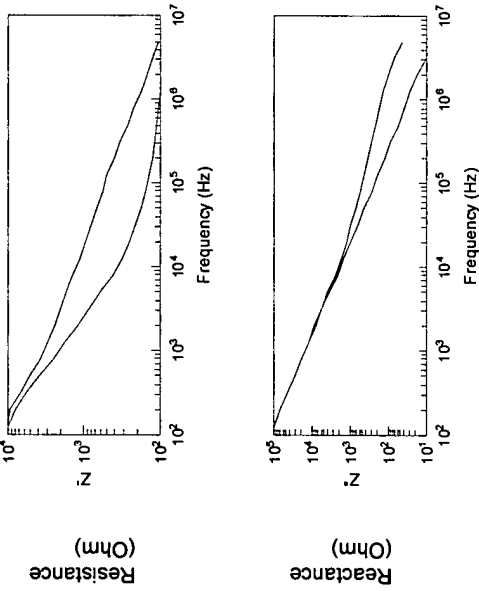
2AC



2AC No Cells attached



2AD



2AD (No cells attached)

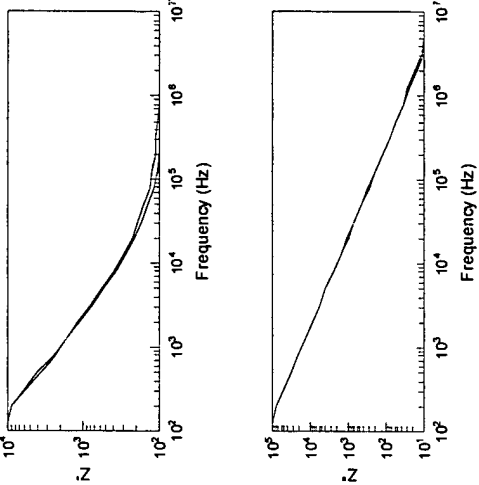
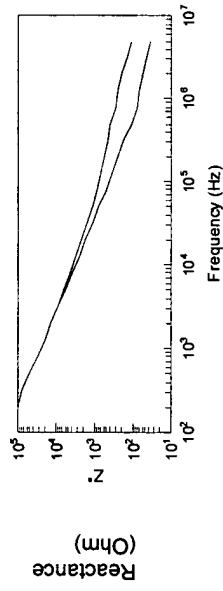
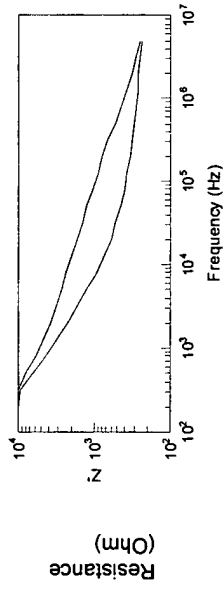
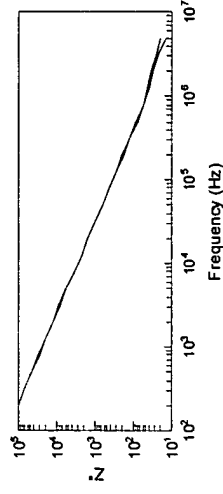
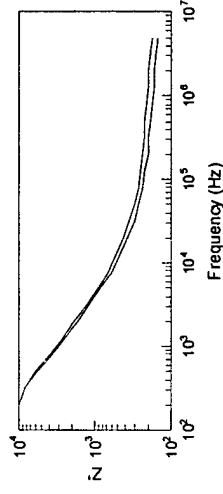


Figure 3A (3)

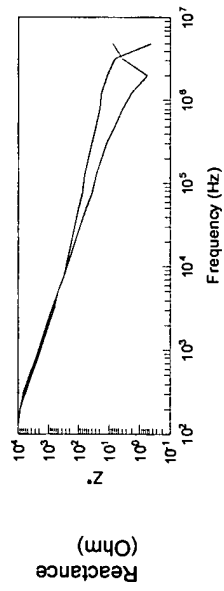
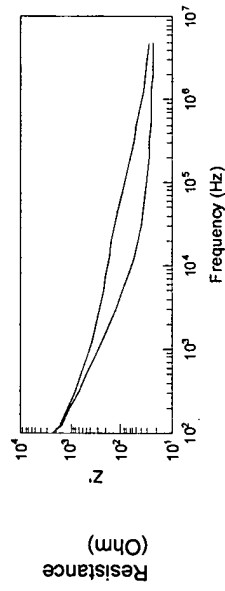
3A



3A (No cells attached)



2BE



2BE No cells attached

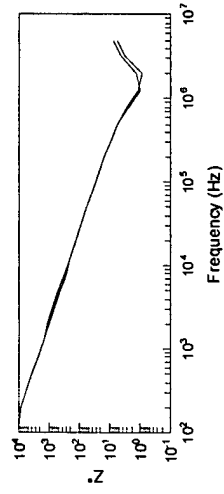
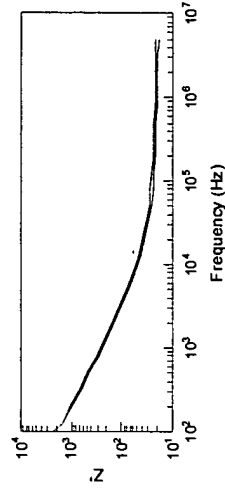
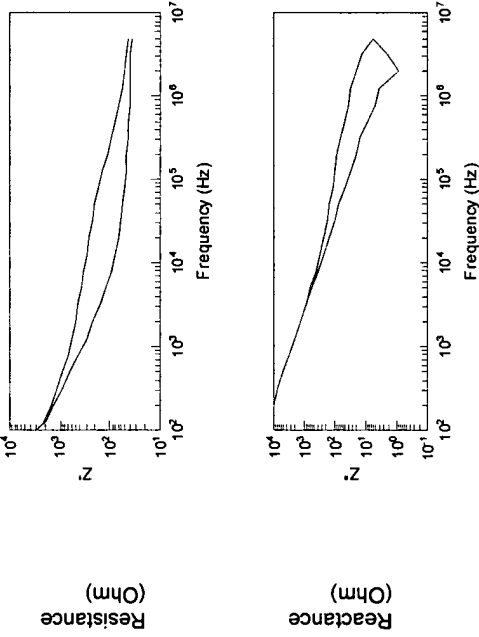
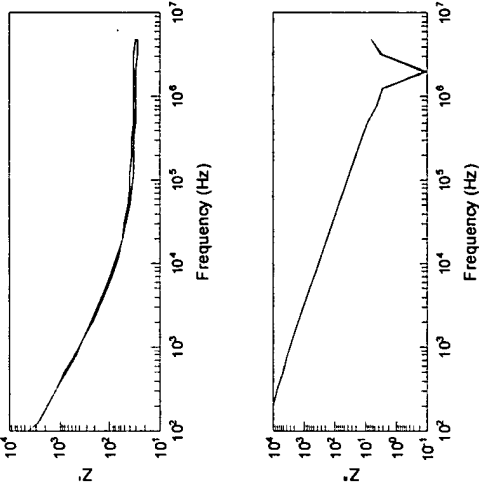


Figure 3A (4)

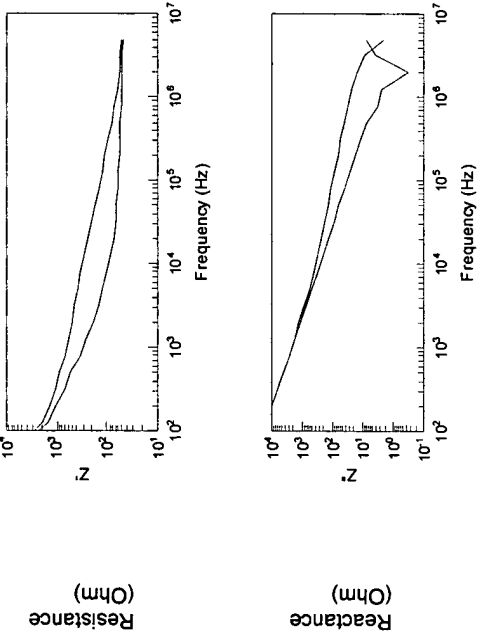
3B



3B No cells attached



3C



3C No cells attached

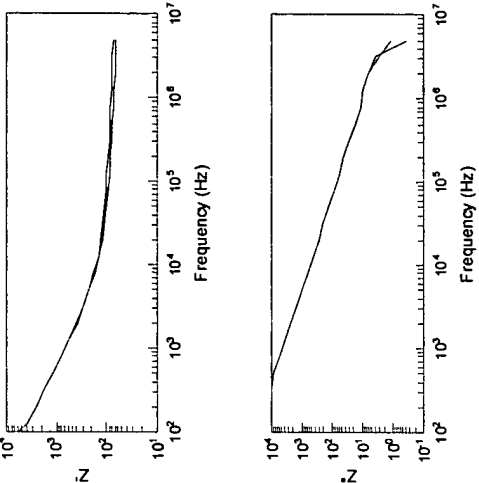


Figure 3B

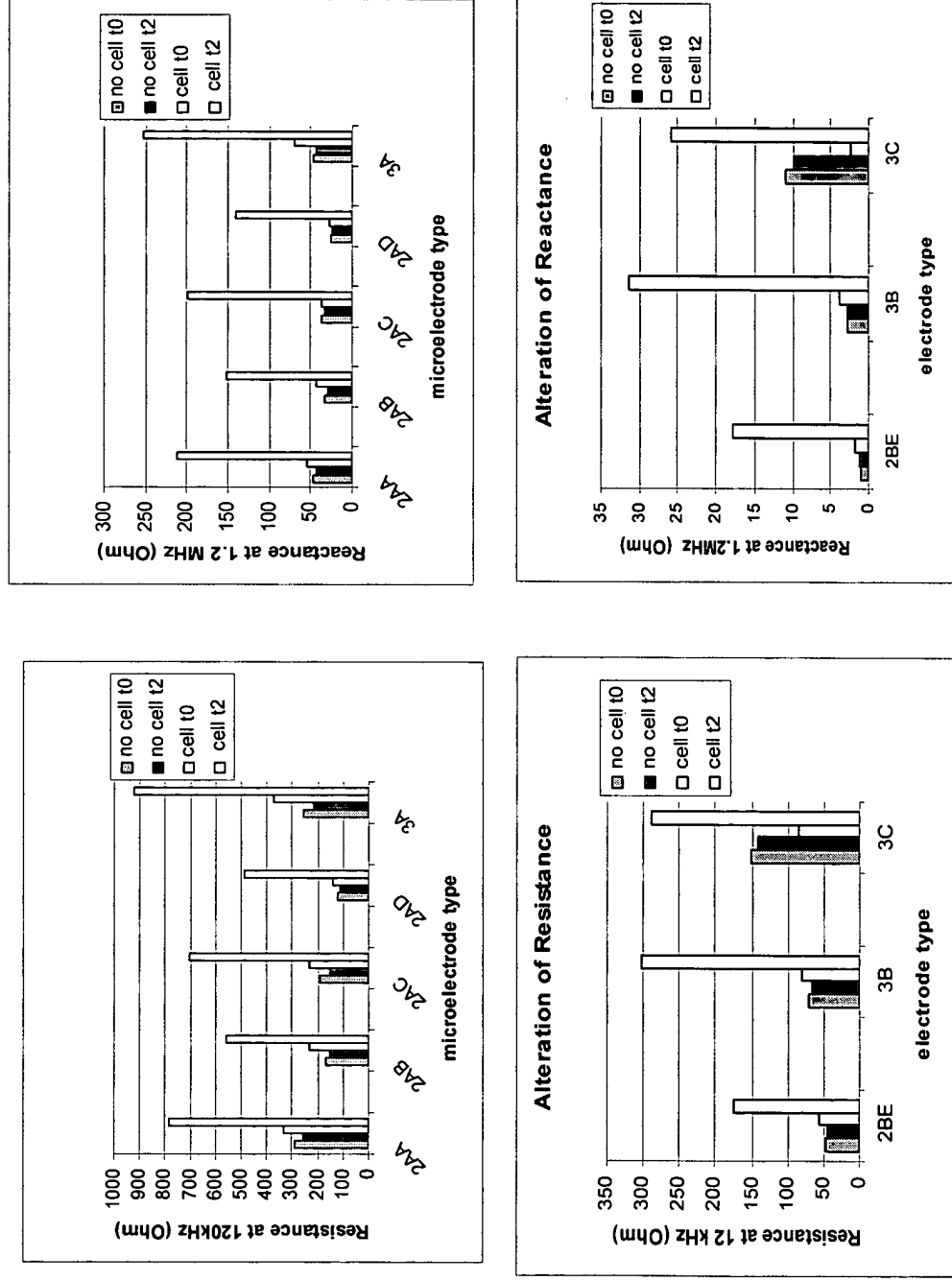


Figure 4

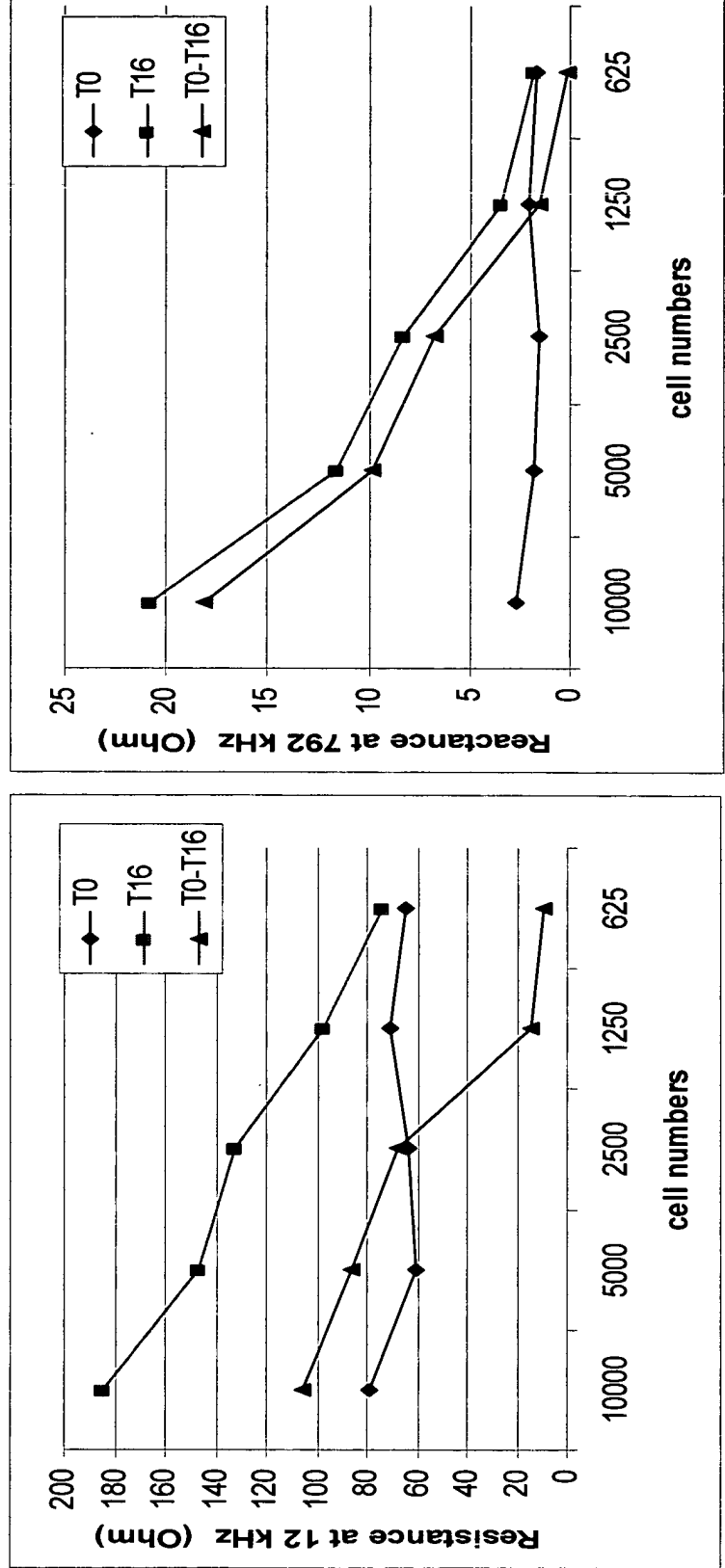




Figure 5

NIH 3T3 and PAE Cell Proliferation

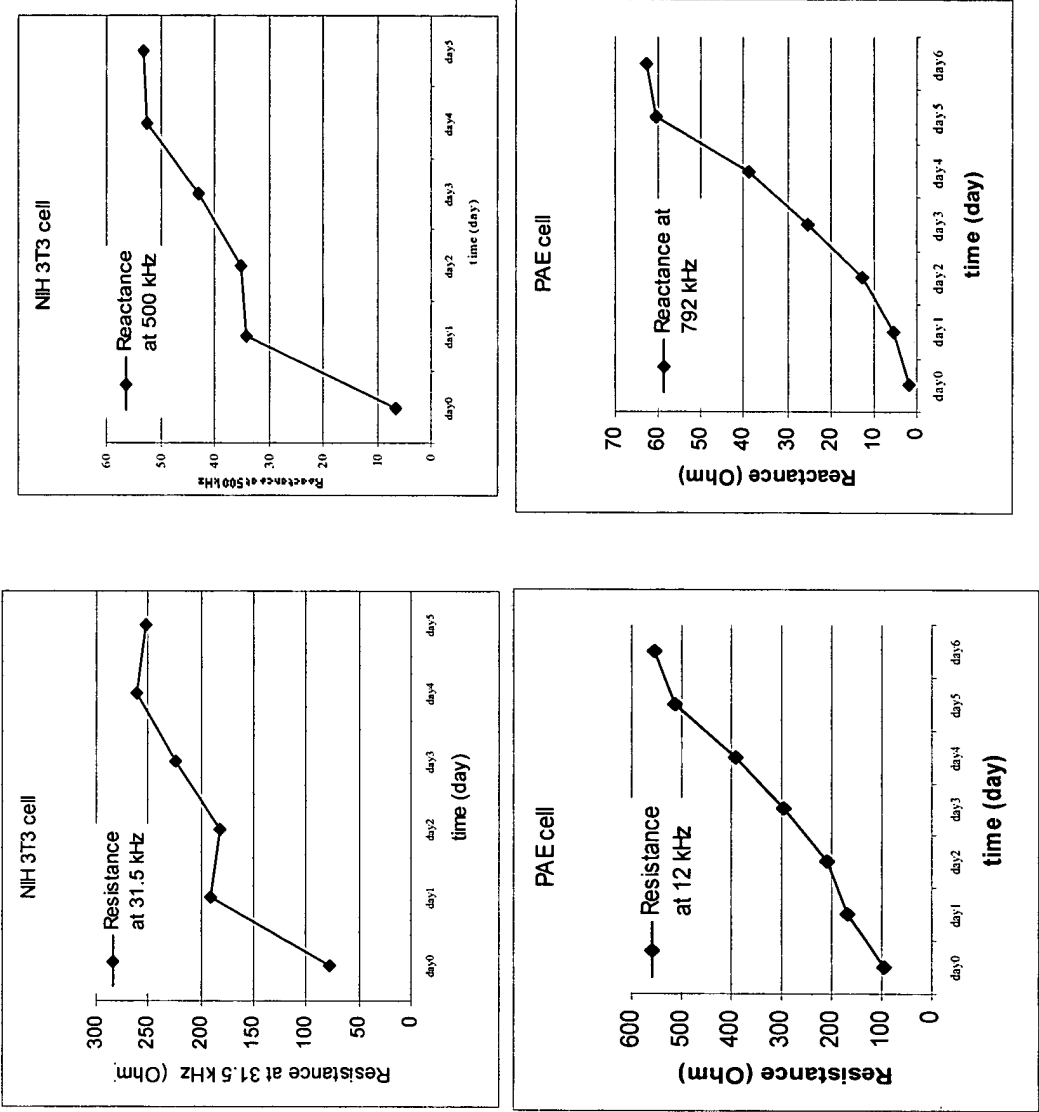


Figure 6

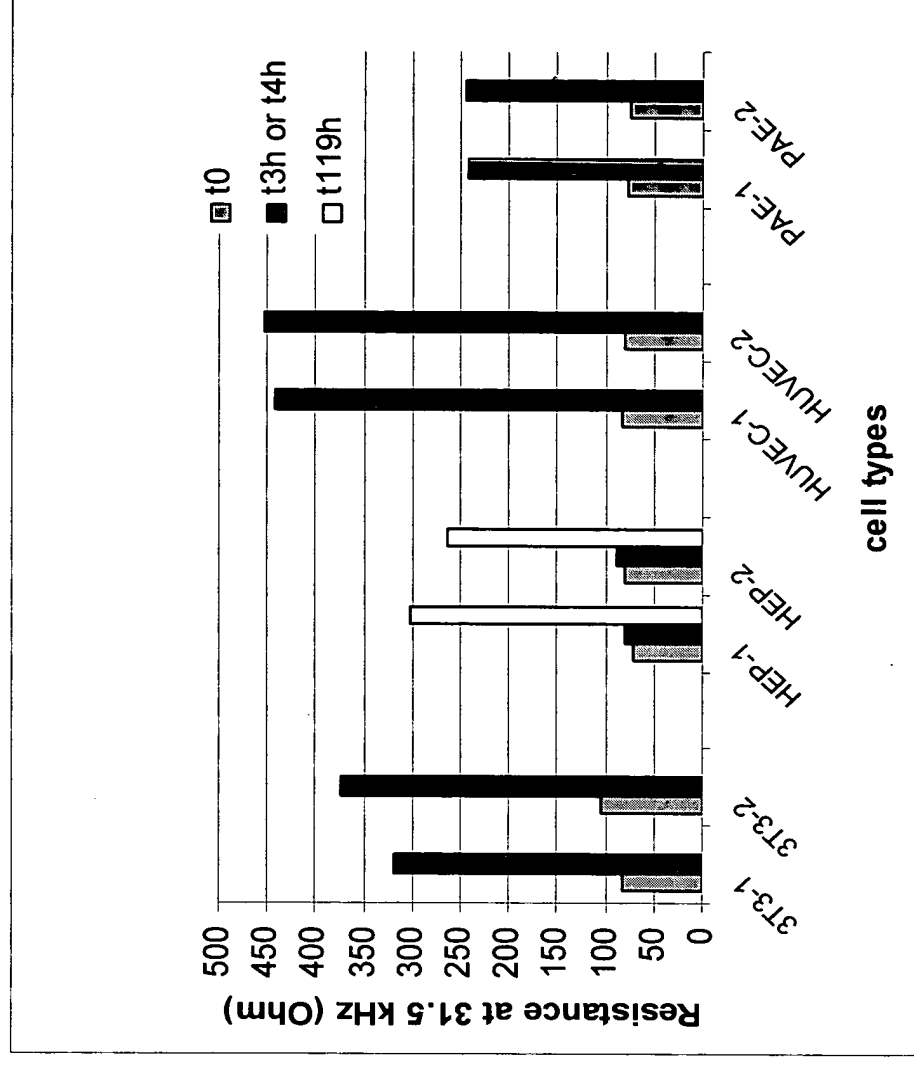


Figure 7

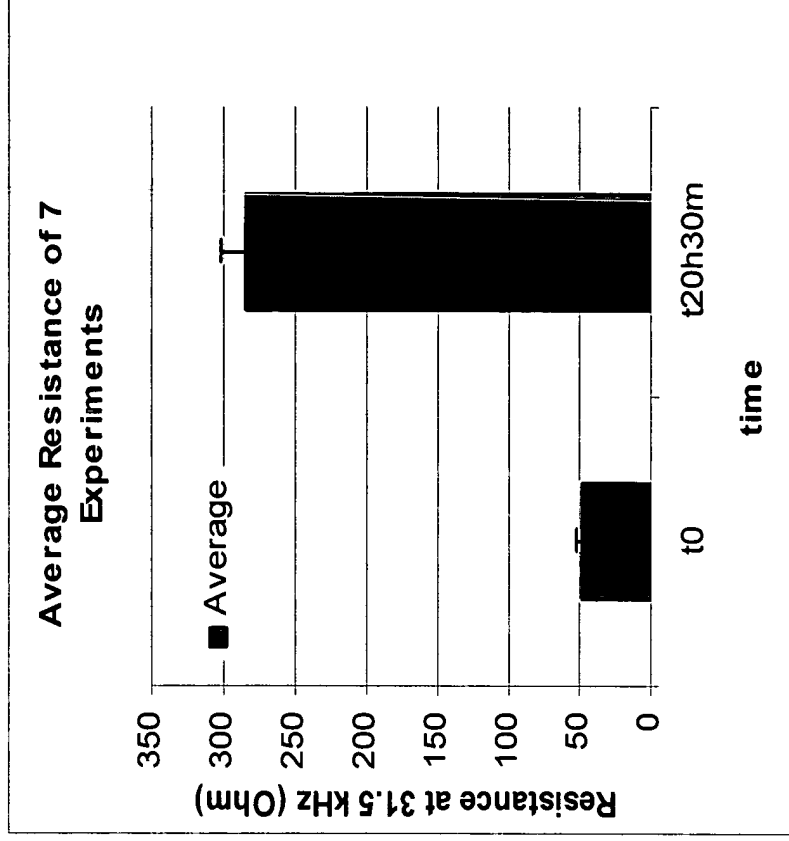
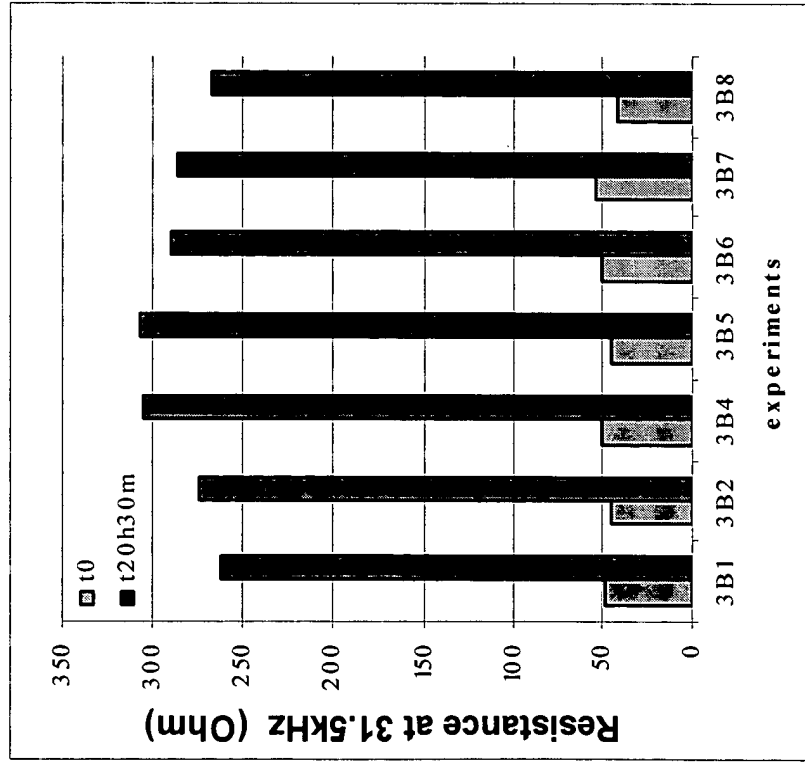
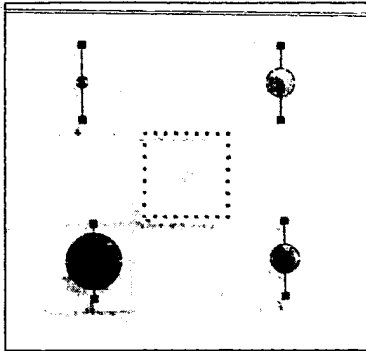


Figure 8.



**Figure 9**

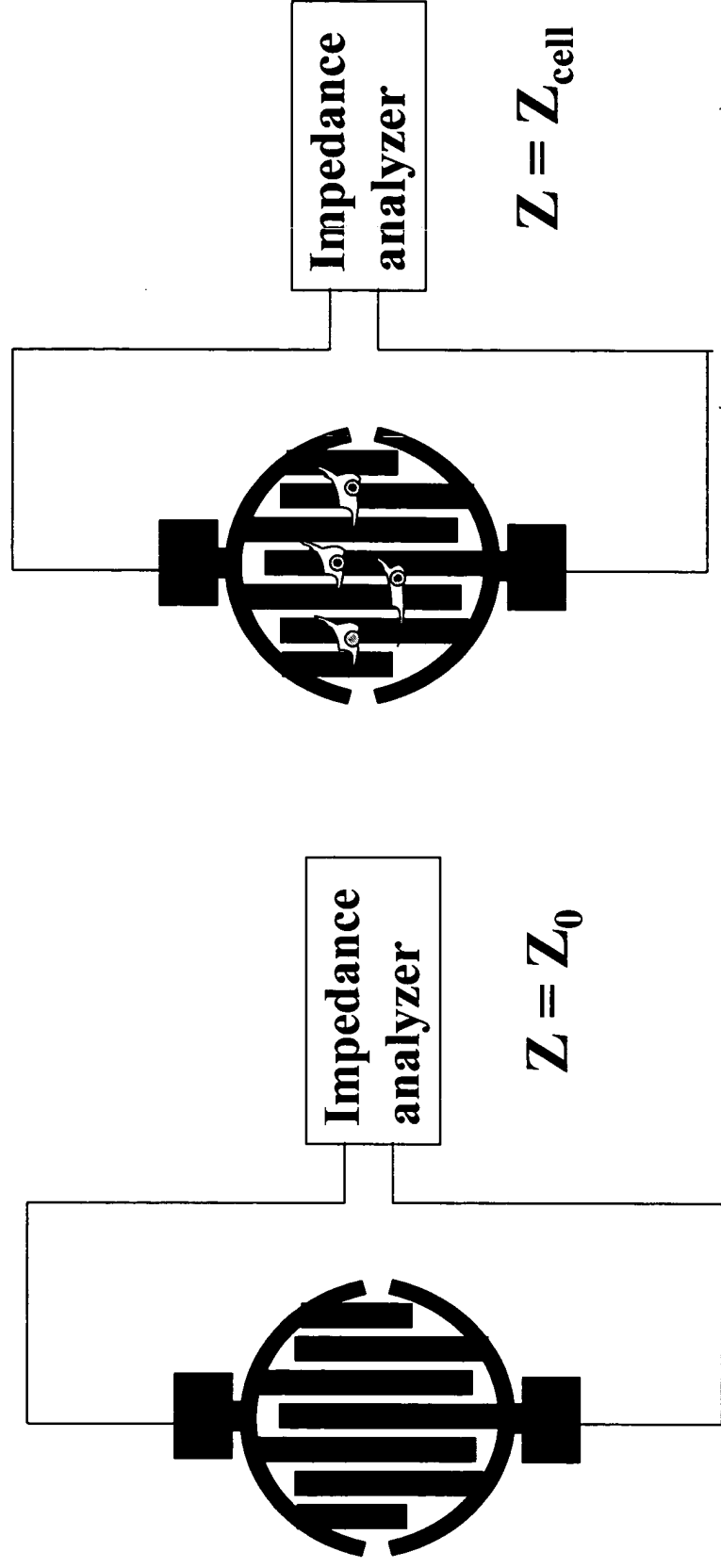


Figure 10.

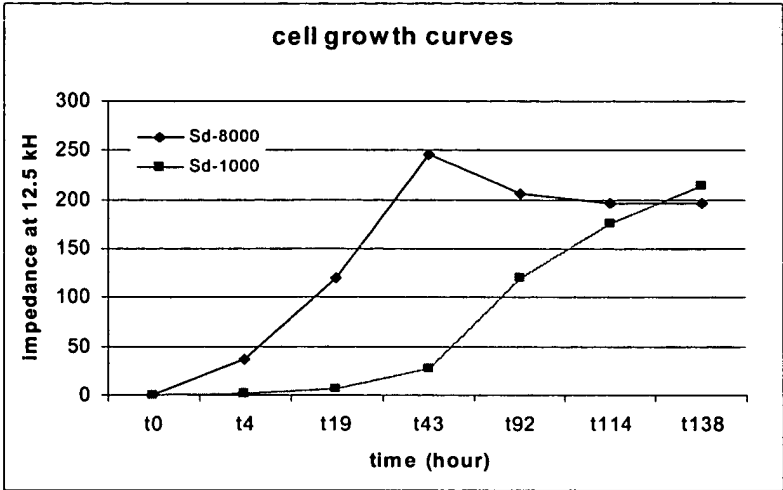


Figure 11.

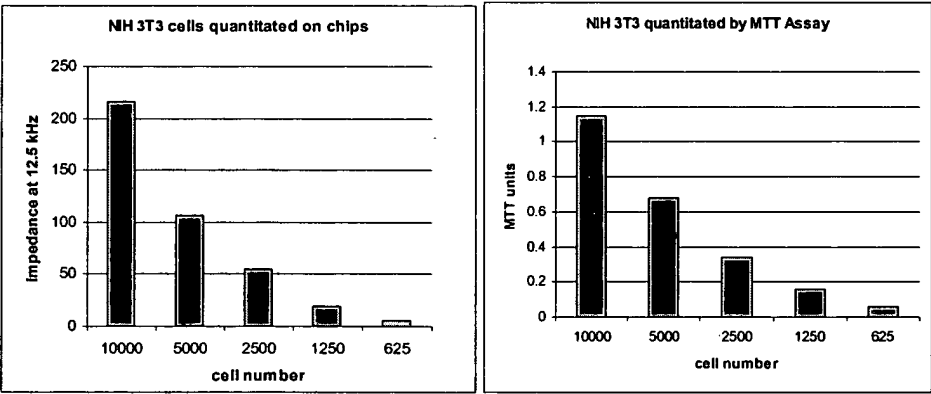


Figure 12.

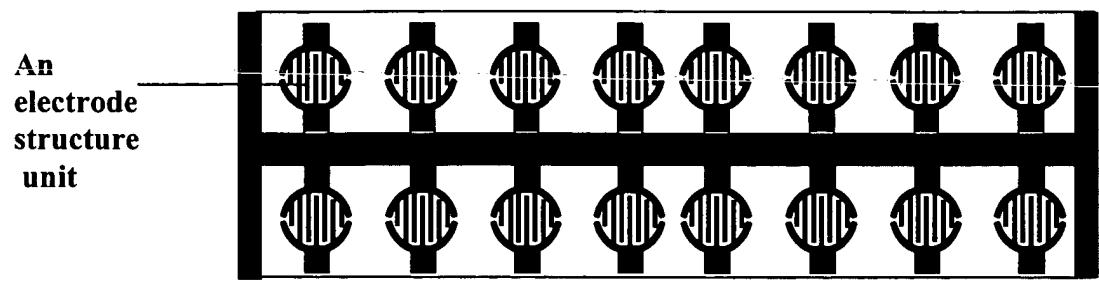
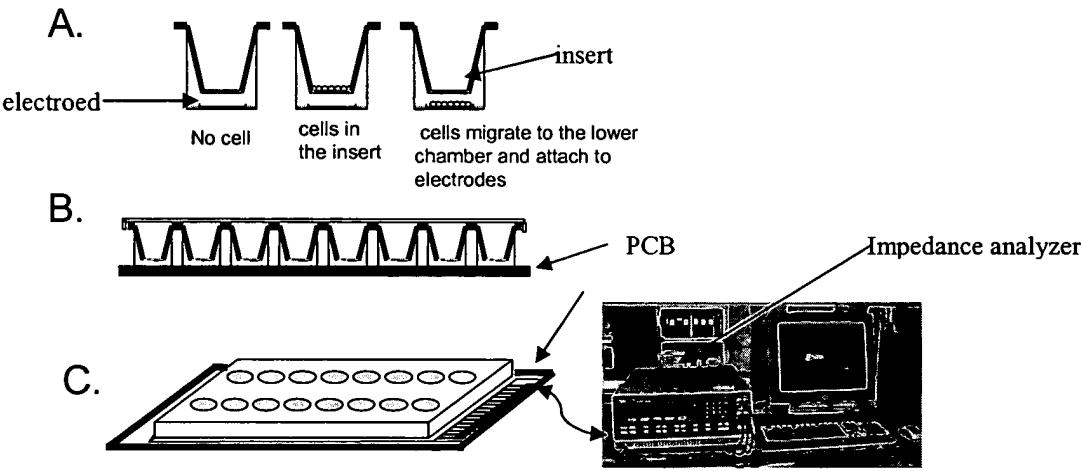


Figure 13.



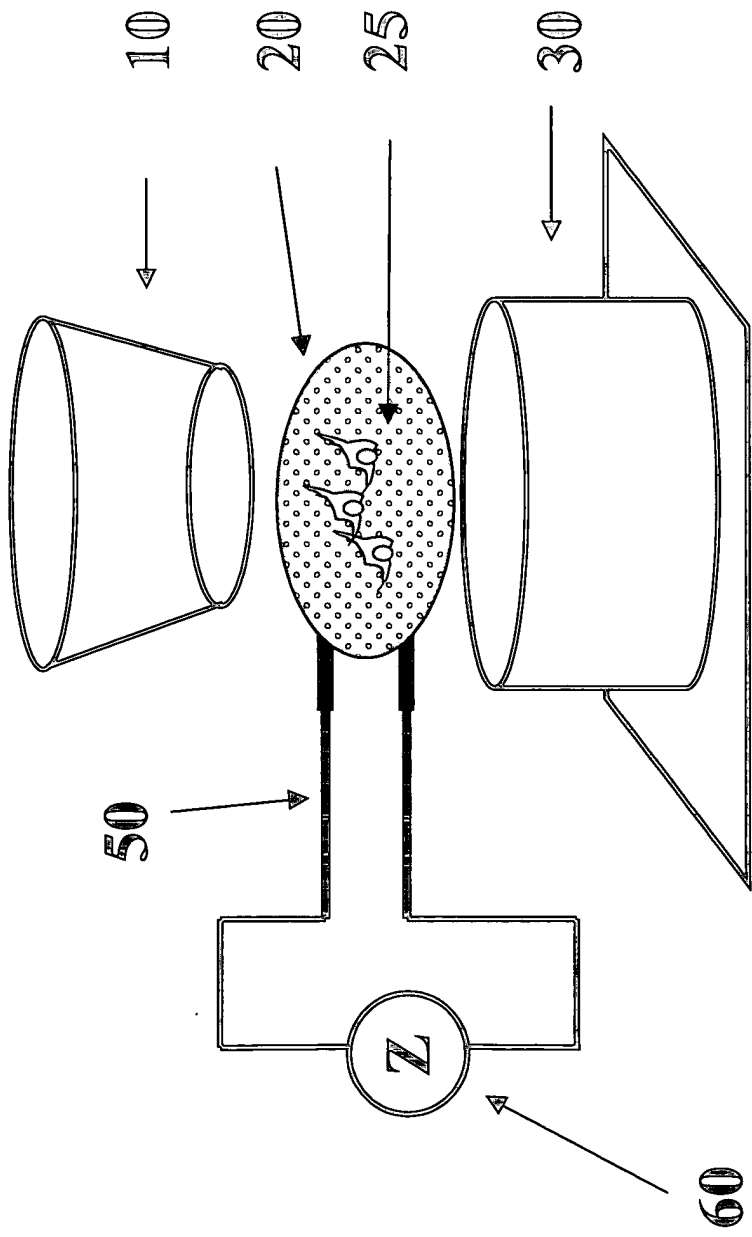
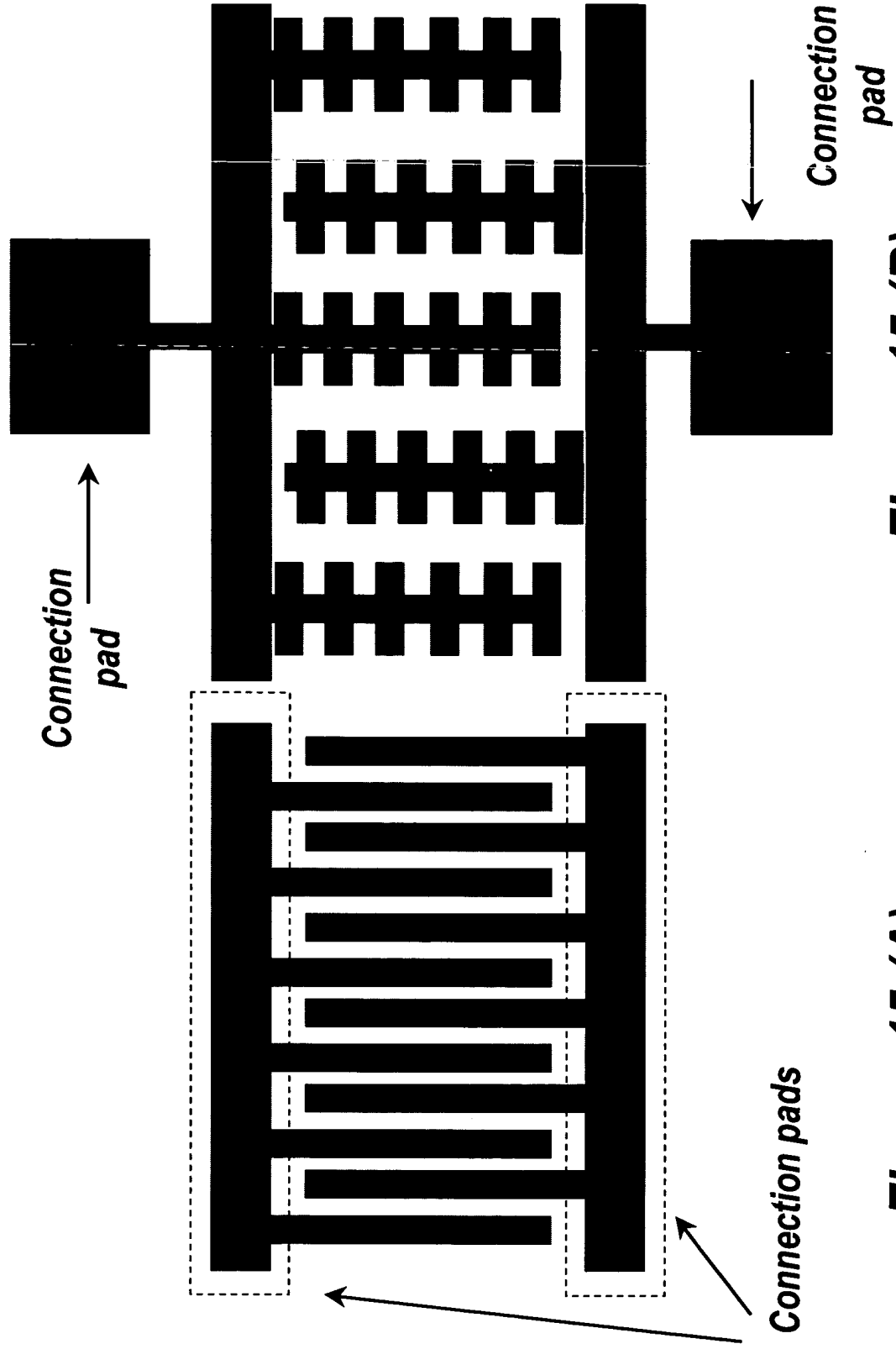


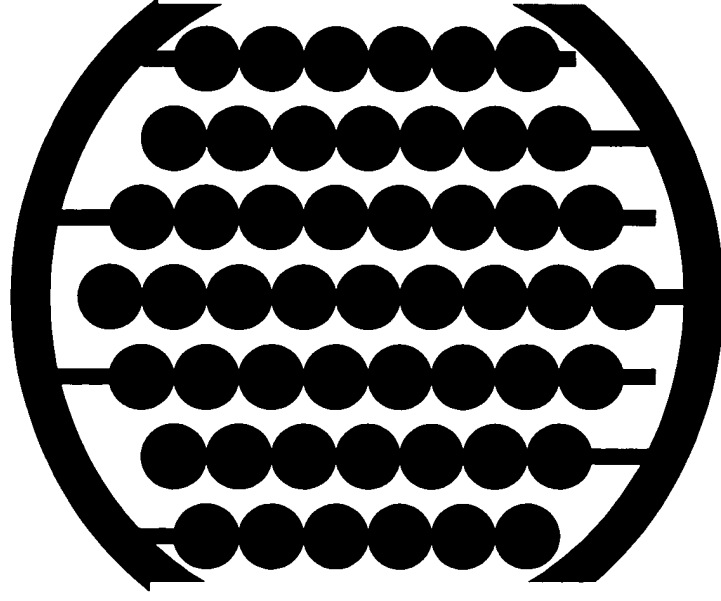
Figure 14



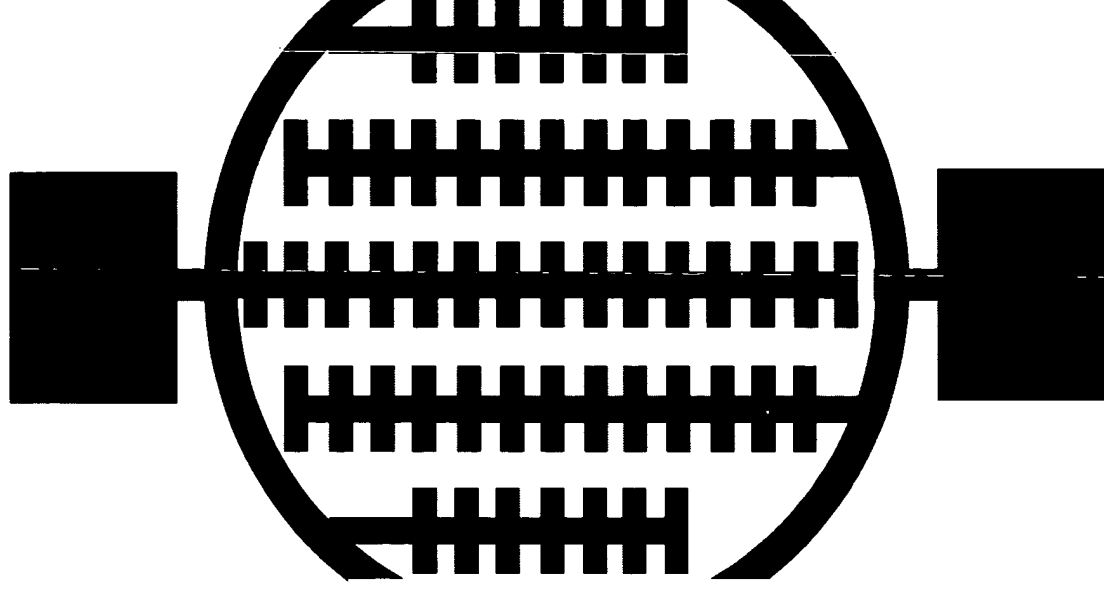


**Figure 15 (A)**

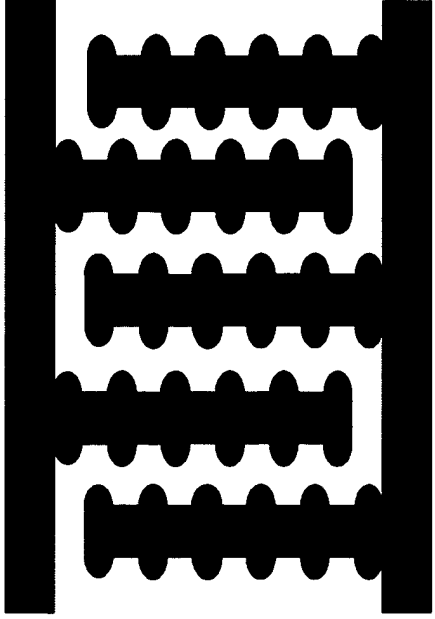
**Figure 15 (B)**



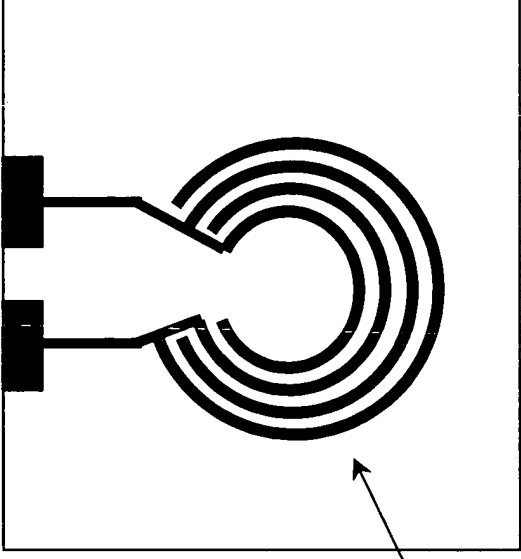
**Figure 15(C)**



**Figure 15(D)**

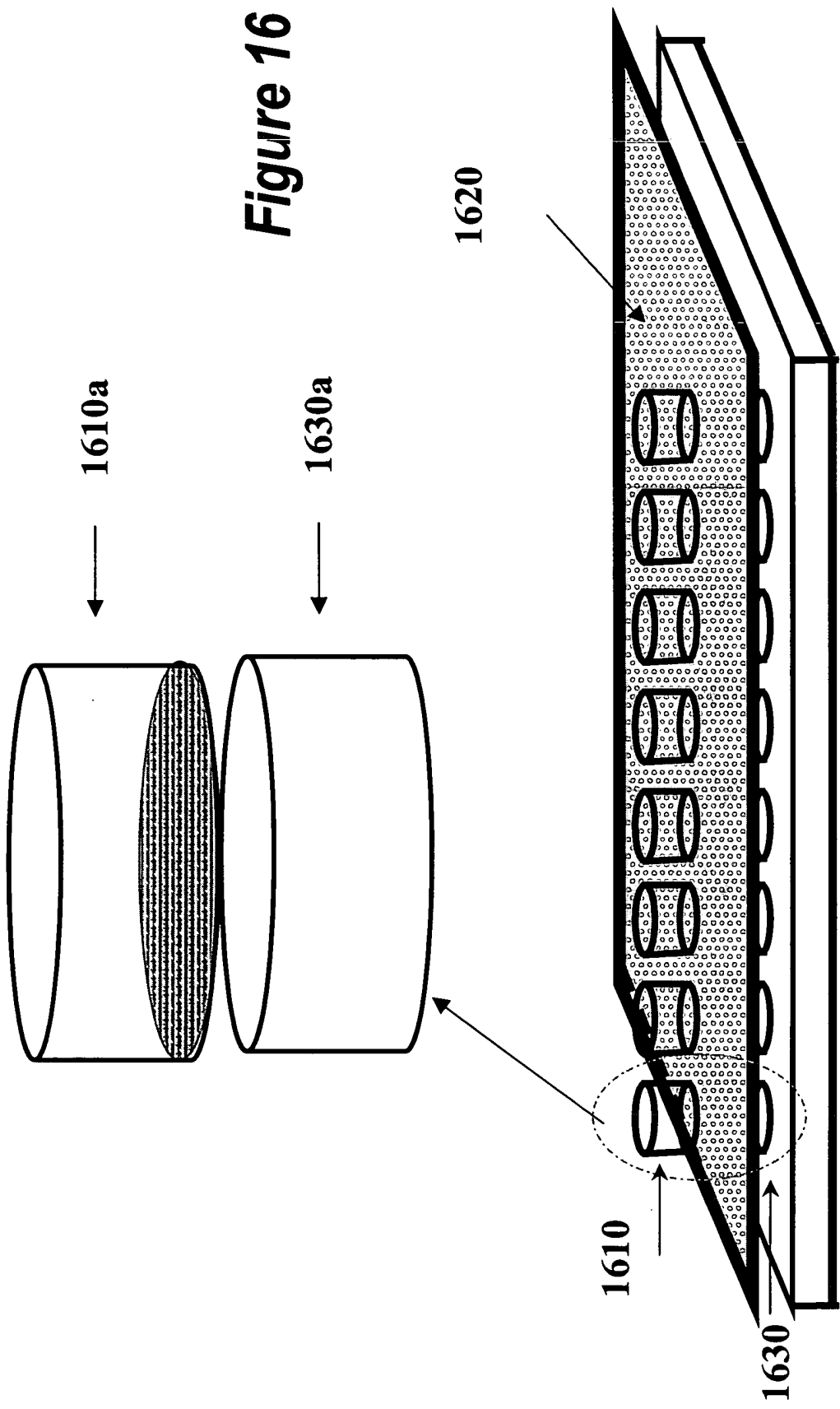


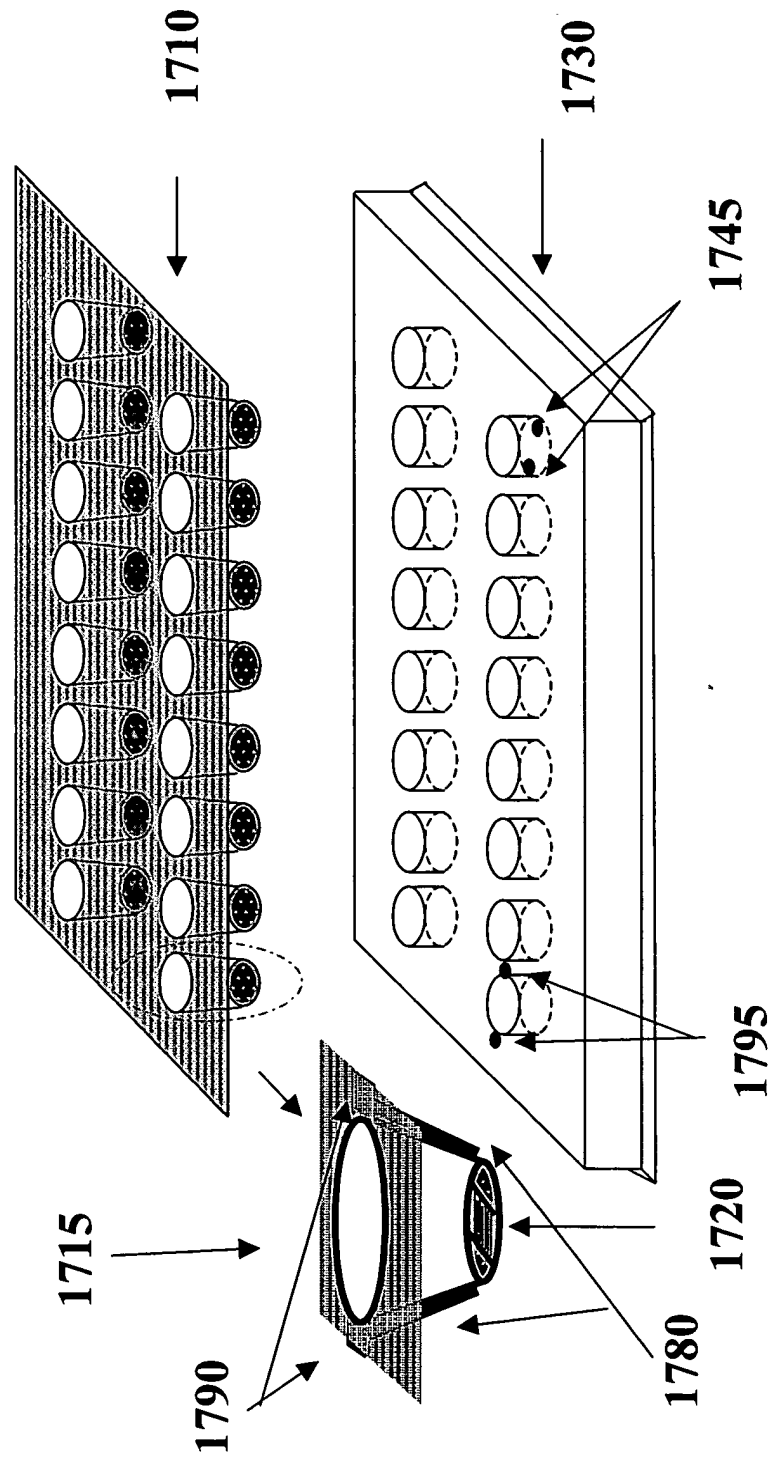
**Figure 15(E)**



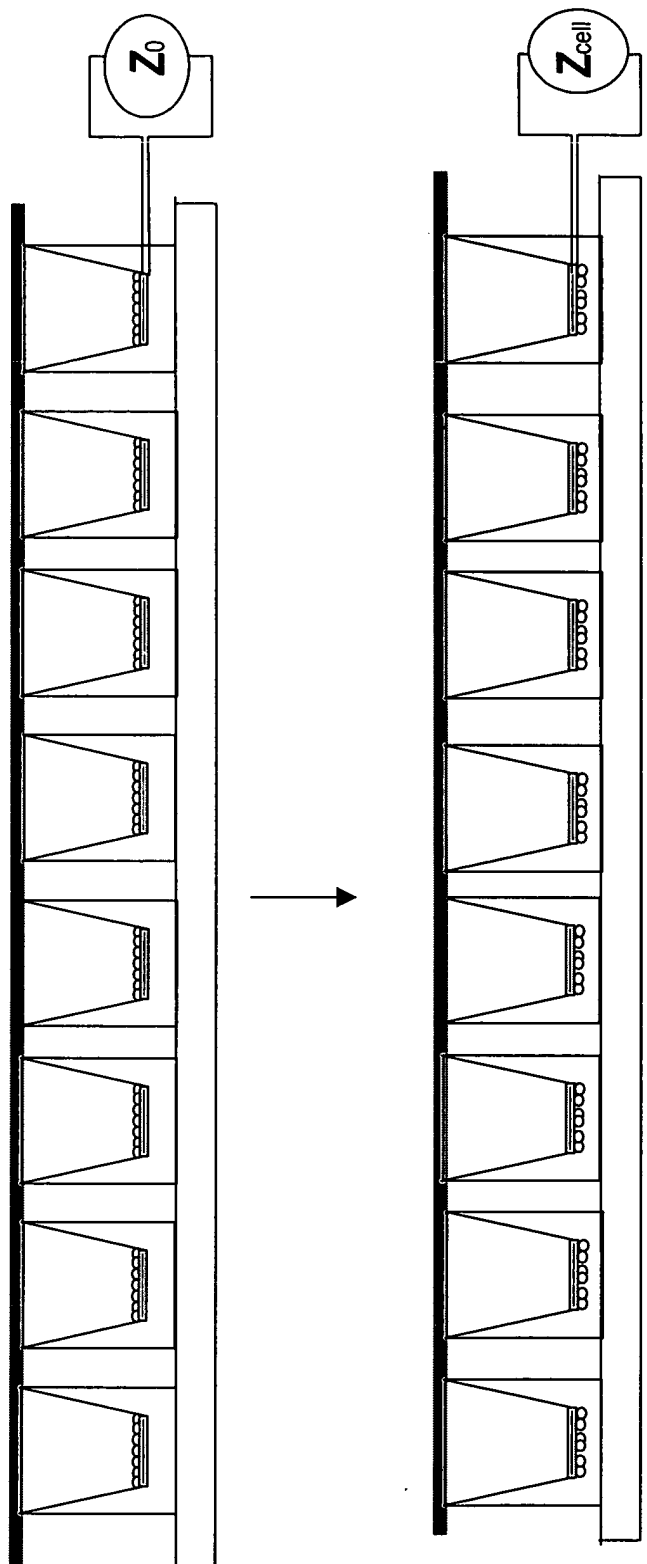
**Concentric  
electrode  
structures**

**Figure 15(F)**

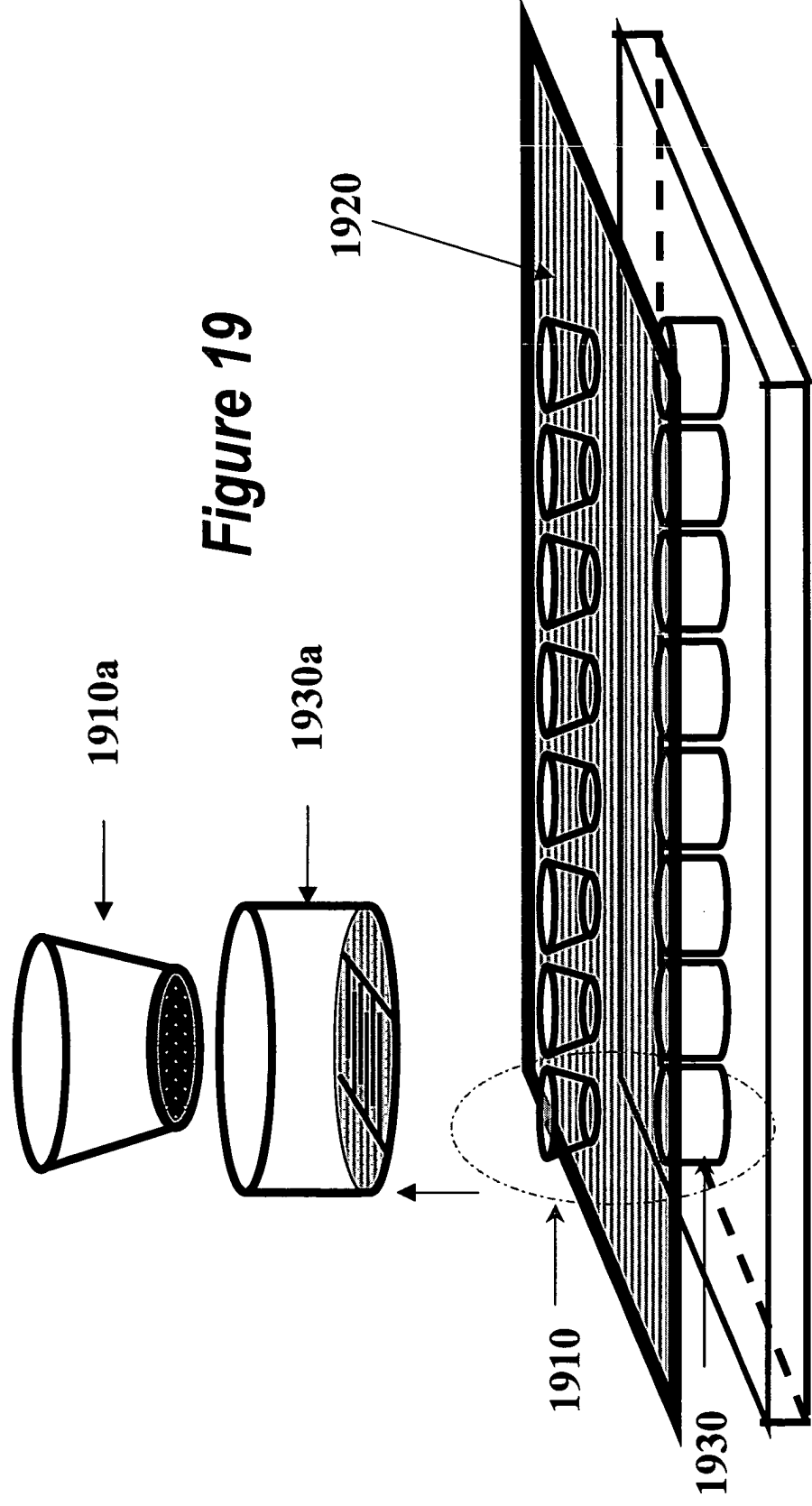




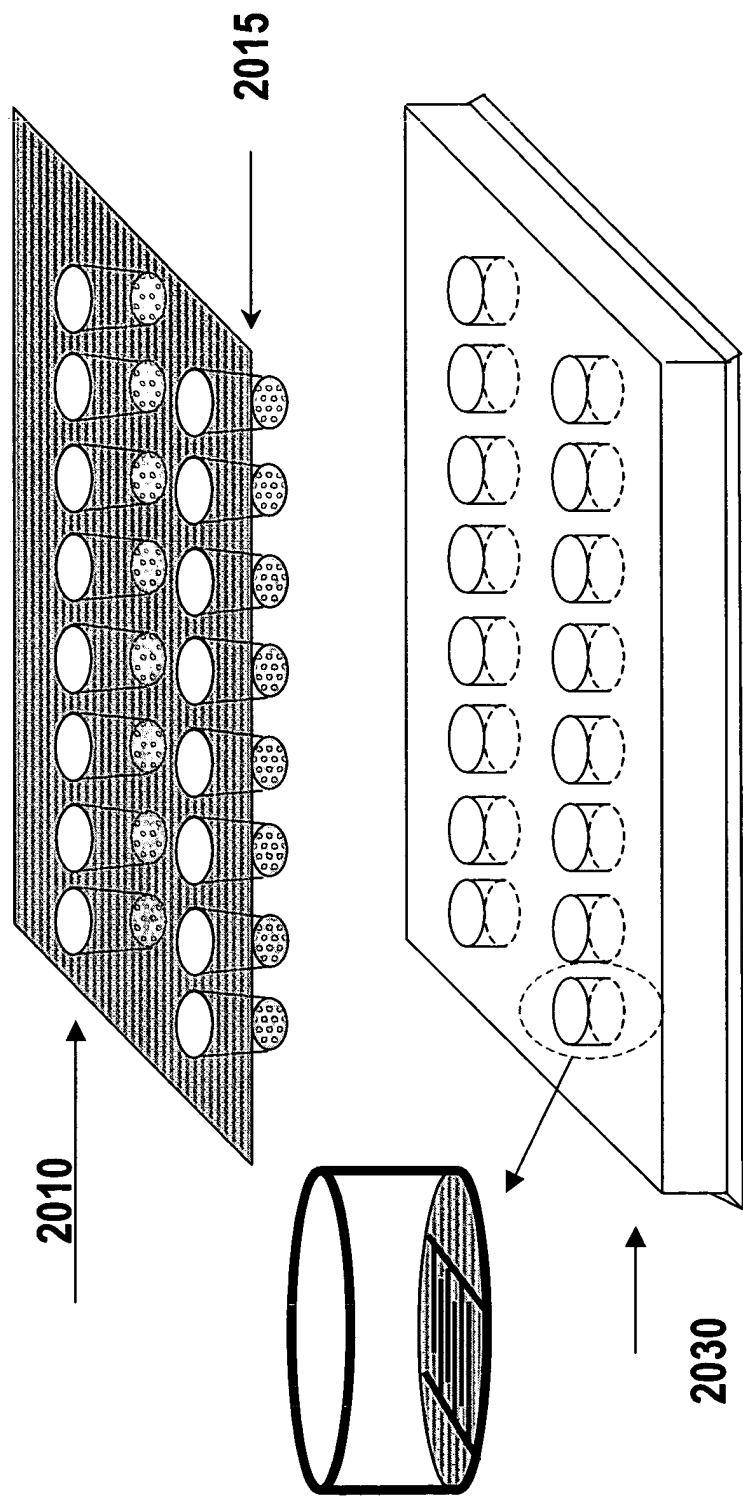
**Figure 17**



**Figure 18**



**Figure 19**



**Figure 20**



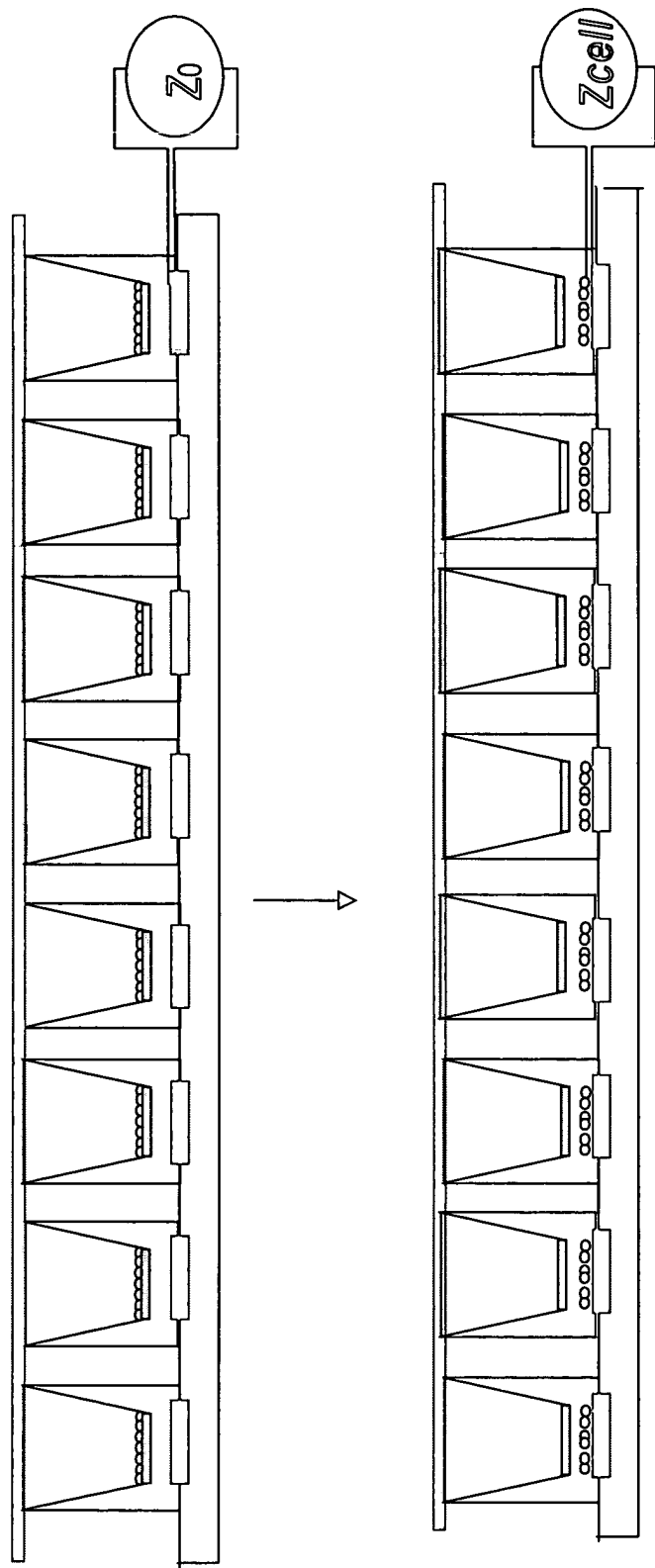


Figure 21

Figure 22.

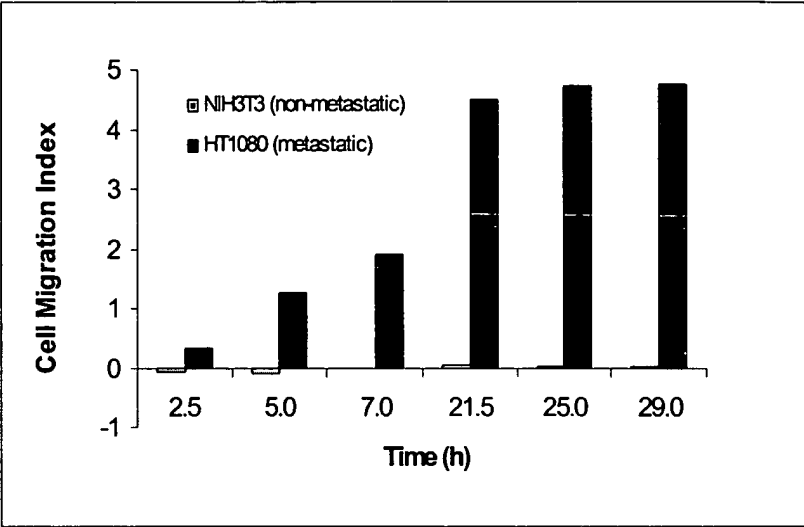


Figure 23.

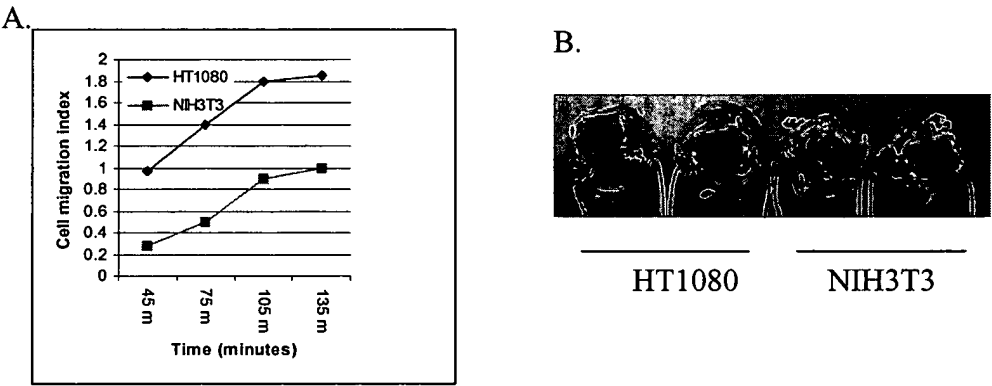
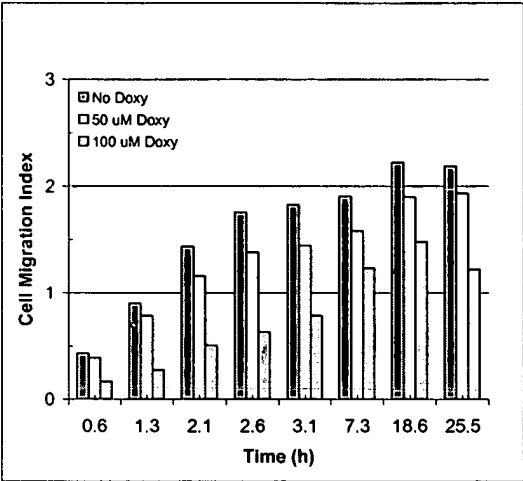


Figure 24.

A.



B.

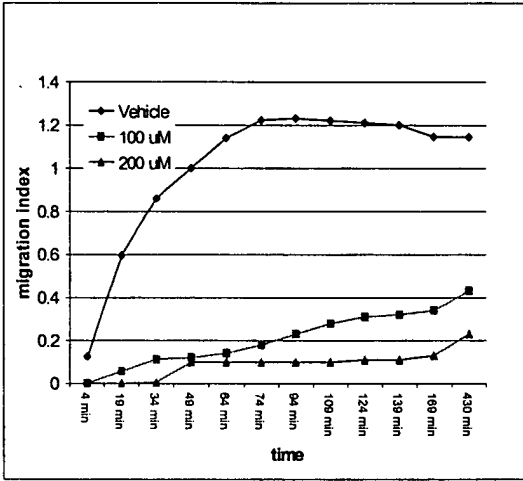


Figure 25(A).

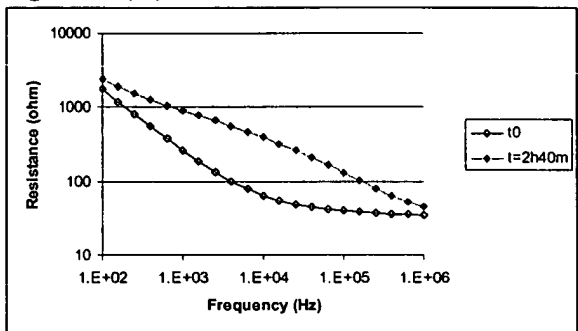


Figure 25(B)

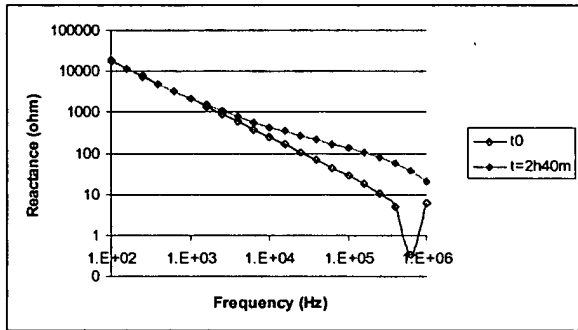


Figure 25(C)

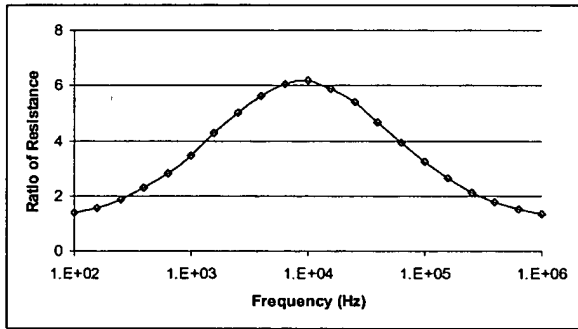


Figure 25(D)

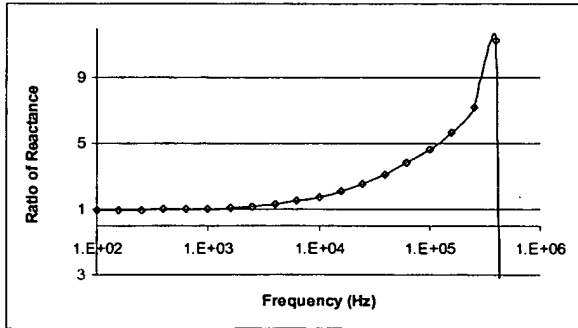


Figure 26(A)

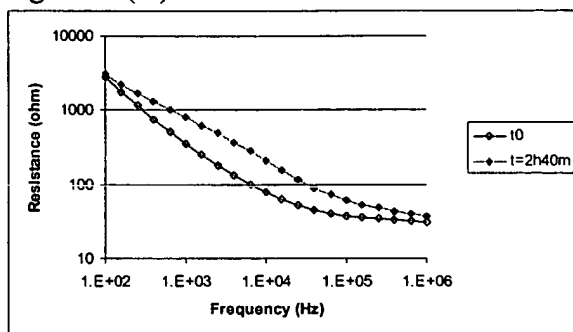


Figure 26(B)

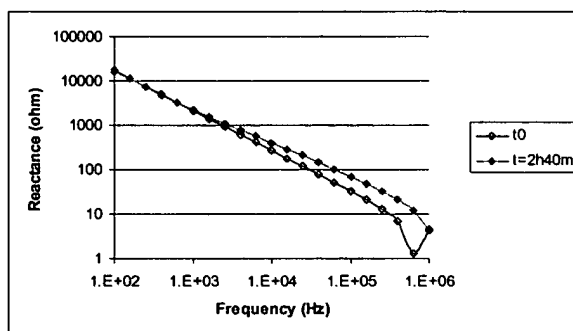


Figure 26(C)

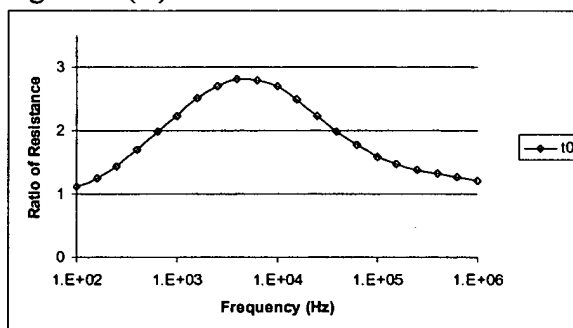


Figure 26(D)

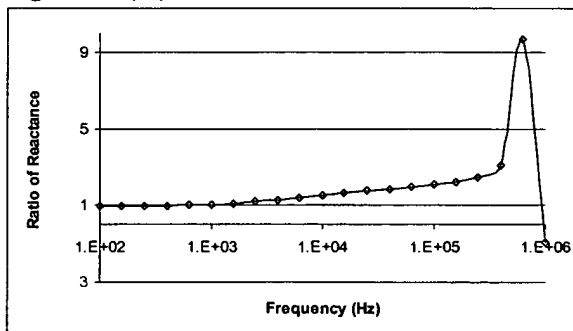


Figure 27(A)

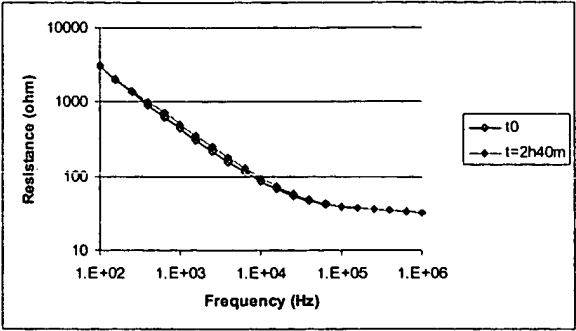


Figure 27(B)

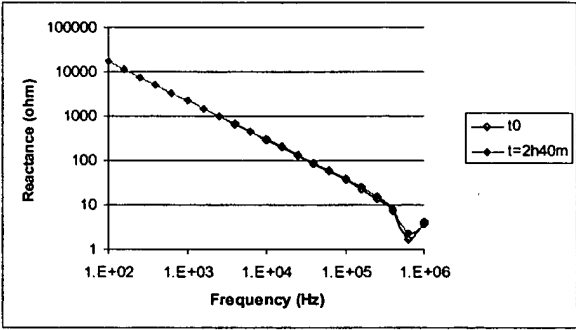


Figure 27(C)

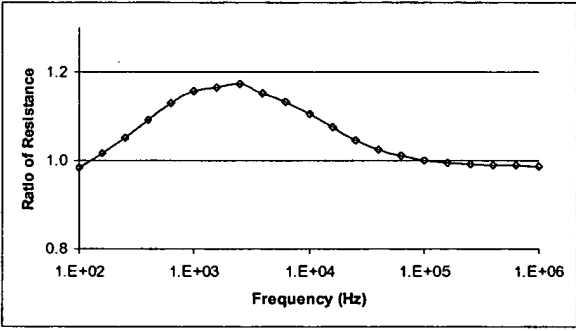


Figure 27(D)

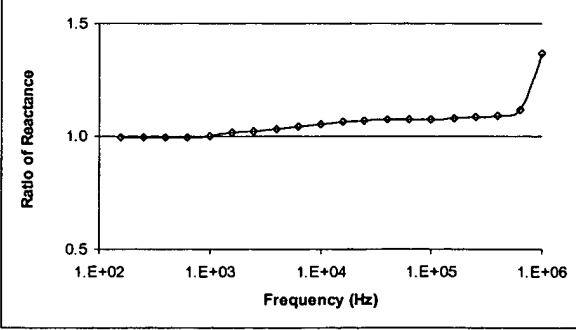


Figure 28(A)

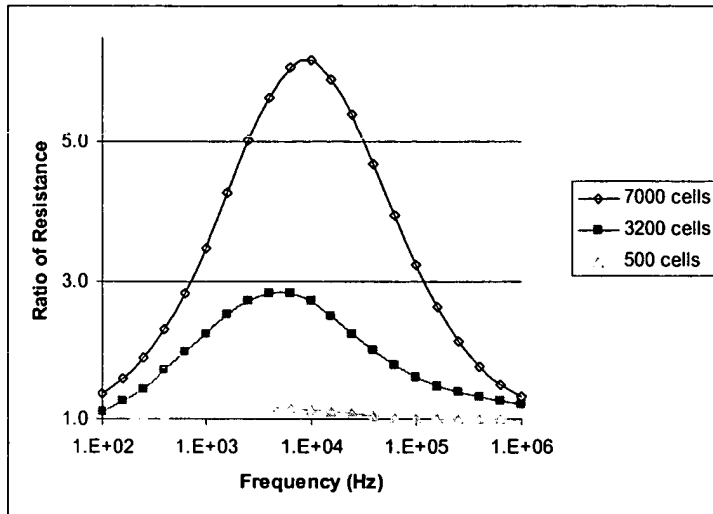


Figure 28(B)

